BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of Work :- Detailed Estimate for Operation and Maintenance of Street Lighting System in Ward No.06 Package Y-6 of Yelahanka Zone.

Budget Head .....

Division No..... Estimate No. 12/2019-20 For Rs.= 7300000.00

Sl. No.	Description of Work	Qty.	Rate Per Year Rs. Ps.	Unit	Amount
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. i) Poles with 36/40 W fluorescent tube light street lighting system.	650	685.45	Each	445542.50
2	vii) Poles with 125 W MV light Park lighting system.	45	756.29	Each	34033.05
3	v) Poles with 250W HPSV light street lighting system.	5244	1019.41	Each	5345786.04
4	vii) Poles with 400 watts HPSV light light street lighting system.	114	1118.08	Each	127461.12
5	vii) Poles with 24 W LED light street lighting system.	1	880.01	Each	880.01
6	vii) Poles with 65 W LED light street lighting system.	453	1147.43	Each	519785.79
7	vii) Poles with 90 W LED light street lighting system.	19	1377.66	Each	26175.54
8	Operation and maintenance of Manual and Automatic Timer Switching circuits including replacement of electrical gadgets, such as MCB's Contactors, Timer, Cut-outs, wiring connector and M.S. Box with proper insulation etc., complete.	35	3115.44	Each	109040.40
9 72/13.17.1	B. Work to be carried out as per requirement & actuals and as per the direction of the in charge engineer, Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/looting of the pole.a)5 mtr pole	45	550	Each	24750.00
10 72/13.17.3	.c) 8 Mtr and above street light pole	326	770.00	Each	251020.00
11 56/7.6.4	Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A.2 X 25 + 1 X 25 SQ.MM	1500	143.00	Mtrs	214500.00
12 XIV 256	Moulded Case Circuit Breaker (MCCB) Three Pole 100Amps 25kA	31	2718	Each	84258
13	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.200mmx200mmx98mm	30	2178	Each	65340
14	**GST 12% ON 9,10,12 & 13**				51044.16
15	Misleniuos				**383.39**
	Total Rs				**7300000.00**

CERTIFICATE

1. The Place was inspected and work is essential
2. The Provision made in the estimate is adequate and are necessary.
3. The Work comes in the BBMP limit and is legitimate charges on the Corporation Funds.
4. The rates in the Estimate is based on PWD (Elec) SR of 2019-20 / , BESCOM SR approved rates

Asst. Engineer (Elec)

Asst. Exe. Engineer (Elec)
Sub-Division No.
Bruhat Bangalore Mahanagara Palike

EXECUTIVE ENGINEER (ELEC)
YELAHANKA DIVISION
BRUHAT BANGALORE MAHANAGARA PALIKE

Administrative Sanction for Rs. 73.00 LAKHS
RUPEES SEVENTY THREE LAKHS
ONLY
is under head P0300 M AND R TO
STREET LIGHTS REPLACEMENT
OF BURNT BULBS ETC (PACKAGE)
A/s EE No. 12/2019-20 Subject
to conditions contained in enclosed memo
No. BBMP/EE/ECE/42/AS/12/2019-20
Dt 30.11.2019

Executive Engineer

Technical Sanction for Rs. 7300,000/-
Rs in Words SEVENTY THREE LAKH ONLY
Under P0300
Job Code No. 006-20-000160
Registered as SE(Y)/TS/ 07 /19-20 s...
to conditions contained in enclosed memo
07 /19-20 Dated: 12/12/2019
12/12/2019